

## Patent Abstracts of Japan

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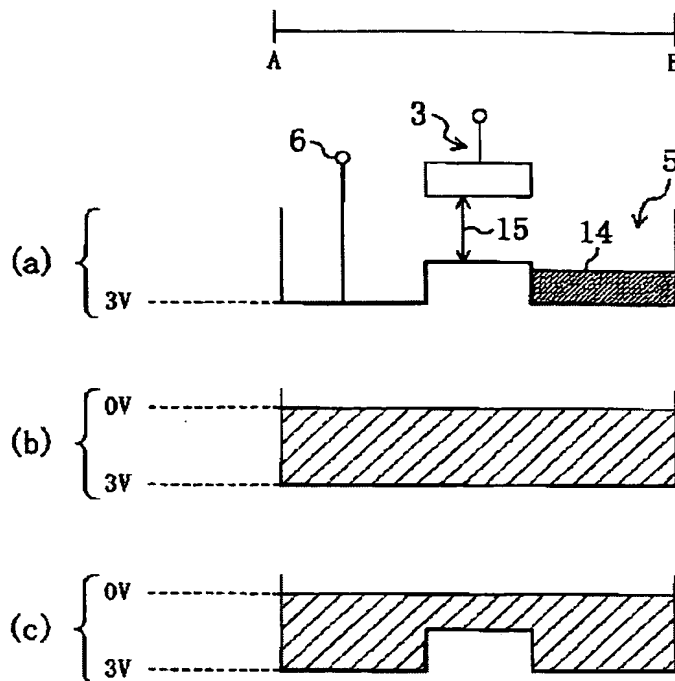
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TITLE : SOLID-STATE IMAGING DEVICE



ABSTRACT : PROBLEM TO BE SOLVED: To provide a solid-state imaging device of proper S/N by making a detection transistor in 'off' state stable by stabilizing an FD part, whose capacity is made small accompanying making pixels fine.

SOLUTION: A threshold voltage ( $V_t$ ) of a reset transistor 3 between an FD part 5 and a power supply 6 is set lower than a LOW level voltage of the power supply 6, by making the transistor 3 a depression type. When the FD part 5 keeps a LOW level voltage, the LOW level voltage can always be supplied from the power supply 6 to the FD part 5.

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